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Customer Number

Patent
Case No.: 58914US011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Lindstrom, Kyle J
Patent No.: 7897597 Application No.: 10/595103
Dated: 01-MAR-2011 Confirmation No. 2609
Title: ARYLOXY AND ARYLALKYLENEOXY SUBSTITUTED IMIDAZOQUINOLINES

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 AND 1.323

Commissioner for Patents
Office of Publication
Attn: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]

I hereby certify that this correspondence is being:

transmitted to United States Patent and Trademark Office on the date shown below via the Office electronic filing system.
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May 4, 2011 /Chris Johnson/
Date Signed by: Chris Johnson

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

The errors are attributable to both the Applicant(s) and the Patent and Trademark Office.

Fees

Any required fee will be made at the time of submission via EFS-Web. In the event fees are not or cannot be paid at the time of EFS-Web submission, please charge any fees under 37 CFR § 1.20(a) which may be required to Deposit Account No. 13-3723.
 Please charge any fees under 37 CFR §§ 1.20(a), 1.16 and 1.17 which may be required to Deposit Account No. 13-3723.
 Please charge any additional fees associated with the prosecution of this application to Deposit Account No. 13-3723. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
 Please credit any overpayment to the same deposit account.

Respectfully submitted,

26 April 2011

Date

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-383

By: /Dean A. Ersfeld/

Dr. Dean A. Ersfeld, Reg. No.: 46,689

Telephone No.: 651-733-7830

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 17

PATENT NO.: 7897597
DATED: 01-MAR-2011
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

List of References

- **Page 5, Col. 2 (Other Publications), Line 2** - Delete "Ammonial/Potassium" and insert - - Ammonia/Potassium - -, therefor.
- **Page 6, Col. 1(Other Publications), Line 21** - Delete "a , " and insert - - al., - -, therefor.
- **Page 6, Col. 1(Other Publications), Line 62** - Delete "at," and insert - - al., - -, therefor.
- **Page 6, Col. 2(Other Publications), Line 43** - Delete "of" and insert - - et - -, therefor.
- **Page 6, Col. 2(Other Publications), Line 53** - Delete "al," and insert - - al., - -, therefor.
- **Page 6, Col. 2(Other Publications), Line 55** - Delete "Chmica" and insert - - Chimica - -, therefor.
- **Page 7, Col. 1(Other Publications), Line 12** - Delete "a," and insert - - al., - -, therefor.
- **Page 7, Col. 2(Other Publications), Line 28** - Delete "Hydocarbons" and insert - - Hydrocarbons - -, therefor.
- **Page 7, Col. 2(Other Publications), Line 62** - Delete "Naphthyridines Hydroxynaphthyridies," and insert - - Naphthyridines Hydroxynaphthyridines, - -, therefor.
- **Page 8, Col. 1(Other Publications), Line 6** - Delete "Gessellschaft" and insert - - Gesellschaft - -, therefor.
- **Page 8, Col. 1(Other Publications), Line 40** - Delete "al," and insert - - al., - -, therefor.

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**OFFICE OF INTELLECTUAL PROPERTY COUNSEL
3M INNOVATIVE PROPERTIES COMPANY
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PATENT NO.: 7897597
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

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List of References Cont'd

- **Page 8, Col. 1(Other Publications), Line 68** - Delete "Stablized" and insert - - Stabilized - -, therefor.
- **Page 8, Col. 2 (Other Publications), Line 7** - Delete "nti-inflammatory" and insert - - anti-inflammatory - -, therefor.
- **Page 9, Col. 1 (Other Publications), Line 47** - Delete "Dermatologi;" and insert - - Dermatology; - -, therefor.
- **Page 9, Col. 2 (Other Publications), Line 1** - Delete "Structure-Activtiy" and insert - - Structure-Activity - -, therefor.
- **Page 9, Col. 2 (Other Publications) Line 37** - Delete "Imnnunol." and insert - - Immunol. - -, therefor.
- **Page 9, Col. 2 (Other Publications) Line 56** - Delete "Hely" and insert - - Helv - -, therefor.
- **Page 10, Col. 1 (Other Publications) Line 17** - Delete "2-arylpyrazolo" and insert - - 2-arylpyrazolo - -, therefor.
- **Page 10, Col. 1 (Other Publications) Line 24** - Delete "imizazo" and insert - - imidazo - -, therefor.
- **Page 10, Col. 1 (Other Publications) Line 25** - Delete "nucleosides:fficient" and insert - - nucleosides: efficient - -, therefor.
- **Page 10, Col. 1 (Other Publications) Lines 53-54** - Delete "Assymmetry." and insert - - Asymmetry. - -, therefor.

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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

List of References Cont'd

- **Page 10, Col. 1 (Other Publications) Line 60** - Delete "Bacteroids" and insert - - Bacteroides - -, therefor.
- **Page 10, Col. 2 (Other Publications) Line 35** - Delete "lipoxygenase" and insert - - lipoxygenase - -, therefor.

Page 11, Col. 2 (Other Publications) Line 1 - Delete "IsosteriC" and insert - - Isosteric - -, therefor.

- **Page 11, Col. 2 (Other Publications) Line 5** - Delete "at," and insert - - al., - -, therefor.
- **Page 11, Col. 2 (Other Publications) Line 6** - Delete "Tray" and insert - - Trav - -, therefor.
- **Page 11, Col. 2 (Other Publications) Line 58** - Delete "ofHeterocyclic" and insert - - of Heterocyclic - -, therefor.

Specification

- **Column 4, Line 24, -** Delete "-N(R₈)C(R₆)-" and insert - - -N(R₈)-C(R₆)- -, therefor.
- **Column 4, Line 32, -** Delete "substitutents;" and insert - - substituents; - -, therefor.
- **Column 6, Line 5, -** After "of" insert - - : - -.
- **Column 11, Line 41, -** Below "- X'-R₄₋₁," insert - - -X'-Y'-R₄, - -.
- **Column 15, Line 33, -** Delete "C-," and insert - - O-, - -, therefor.

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PATENT NO.: 7897597
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

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Specification Cont'd

- **Column 17, Line 46, -** Delete “substitutent.” and insert - - substituent. - -, therefor.
- **Column 19, Line 1, -** Delete “-2#-” and insert - - -2H- - -, therefor.
- **Column 19, Line 11, -** Delete “-C(R₆₁)-,” and insert - - -C(R₆)-, - -, therefor.
- **Column 19, Lines 34-35, -** Delete “4-(1,1-dioxidoisothiazohdin-2-yl)butyl,” and insert - - 4-(1,1-dioxidoisothiazolidin-2-yl)butyl, - -, therefor.
- **Column 19 Line 45 -** Delete “Cl₁₋₂” and insert - - C₁₋₂ - -, therefor.
- **Column 19, Lines 49-50, -** Delete “methylammonocarbonylaminomethyl.” and insert - - methylaminocarbonylaminomethyl. - -, therefor.
- **Column 20, Line 62, -** Before “some” insert - - In - -.
- **Column 24, Line 43, -** Delete “-3-nitroquinolin” and insert - - -3-nitroquinoline - -, therefor.
- **Column 25, Line 67, -** Delete “3-amino” and insert - - 3-amido - -, therefor.
- **Column 26, Line 17, -** Delete “L” and insert - - I, - -, therefor
- **Column 26, Line 19, -** Delete “-5H-” and insert - - -5N- - -, therefor.

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Page 5 of 17

PATENT NO.: 7897597
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

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Specification Cont'd

- **Column 26, Line 30, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 29, Line 18, -** Delete “n,” and insert - - II, - -, therefor.
- **Column 29, Line 42, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 29, Line 49, -** Delete “TV-oxide” and insert - - N-oxide - -, therefor.
- **Column 29, Line 54, -** Delete “men” and insert - - then - -, therefor.
- **Column 30, Line 28, -** Delete “XXXI” and insert - - XXXI, - -, therefor.
- **Column 30, Line 46, -** Delete “N==O” and insert - - N=C=O- -, therefor.
- **Column 30, Line 64, -** Delete “R₉,” and insert - - R₈, - -, therefor.
- **Column 33, Line 50, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 34, Line 60, -** Delete “Ar,” and insert - - Ar' - -, therefor.
- **Column 36, Line 41, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 37, Line 30, -** Delete “inline” and insert - - imine - -, therefor.

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Page 6 of 17

PATENT NO.: 7897597
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Specification Cont'd

- **Column 38, Line 64, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 39, Line 62, -** Delete “Methylamine” and insert - - triethylamine- -, therefor.
- **Column 41, Line 41, -** Delete “(TL).” and insert - - (IL). - -, therefor.
- **Column 41, Line 43, -** Delete “DL-1,” and insert - - IL-1, - -, therefor.
- **Column 42, Line 39, -** Delete “HSV-H,” and insert - - HSV-II, - -, therefor.
- **Column 42, Line 47, -** Delete “flavivirus” and insert - - flavivirus - -, therefor.
- **Column 42, Lines 60-61, -** Delete “histoplasmonsis,” and insert - - histoplasmosis, - -, therefor.
- **Column 42, Lines 62-63, -** Delete “carnii pneumonia,” and insert - - carinii pneumonia, - -, therefor.
- **Column 42, Line 67, -** Delete “Kapsoi's” and insert - - Kaposi's - -, therefor.
- **Column 43, Line 9, -** Delete “Ommen's syndrome,” and insert - - Omenn's syndrome, - -, therefor.

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Page 7 of 17

PATENT NO.: 7897597
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Specification Cont'd

- **Column 43, Line 25,** - Delete "hemophilus" and insert - - haemophilus - -, therefor.
- **Column 44, Line 52,** - Delete "phenylamino" and insert - - phenylimino - -, therefor.
- **Column 44, Line 60,** - Delete "phenylamino" and insert - - phenylimino - -, therefor.
- **Column 46, Line 40,** - Delete "1.5" and insert - - 7.5 - -, therefor.
- **Column 47, Line 59,** - Delete "an" and insert - - as an - -, therefor.
- **Column 48, Line 44,** - Delete "quinolin" and insert - - quinoline- -, therefor.
- **Column 49, Line 63,** - Delete "(d," and insert - - (d, J= - -, therefor.
- **Column 53, Line 16,** - Delete "w/z" and insert - - m/z - -, therefor.
- **Column 53, Line 57,** - Delete "-1/Z-" and insert - - -1H- - -, therefor.
- **Column 55, Line 45,** - Delete "-2-pro" and insert - - -2-propyl-1H-imidazo[4,5-c]quinolin-4-amine - -, therefor.
- **Column 55, Line 58,** - Delete "(trifluoromethyl)" and insert - - (trifluoromethyl) - -, therefor.
- **Column 55, Lines 62-63,** - Delete "(trifluoromethyl)" and insert - - (trifluoromethyl) - -, therefor.
- **Column 56, Line 21,** - Delete "(t, 7=" and insert - - (t, J= - -, therefor.

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Page 8 of 17

PATENT NO.: 7897597
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Specification Cont'd

- **Column 62, Line 49, -** Delete "(septet 7=)" and insert - - (septet J= - -, therefor.
- **Column 62, Line 49, -** Delete "(t, 7=)" and insert - - (t, J= - -, therefor.
- **Column 64, Line 17, -** Delete "(d, 7=)" and insert - - (d, J= - -, therefor.
- **Column 64, Line 20, -** Delete "(d, 7=)" and insert - - (d, J= - -, therefor.
- **Column 64, Line 21, -** Delete "(q, 7=)" and insert - - (q, J= - -, therefor.
- **Column 64, Line 21, -** Delete "(septet, 7=)" and insert - - (septet, J= - -, therefor.
- **Column 64, Line 22, -** Delete "(t, 7=)" and insert - - (t, J= - -, therefor.
- **Column 64, Line 22, -** Delete "(d, 7=)" and insert - - (d, J= - -, therefor.
- **Column 65, Line 11, -** Delete "(d, 7=)" and insert - - (d, J= - -, therefor.
- **Column 65, Line 12, -** Delete "(d, 7=)" and insert - - (d, J= - -, therefor.
- **Column 65, Line 13, -** Delete "(d, 7=)" and insert - - (d, J= - -, therefor.
- **Column 65, Line 14, -** Delete "(q, 7=)" and insert - - (q, J= - -, therefor.
- **Column 65, Line 14, -** Delete "(septet, 7=)" and insert - - (septet, J= - -, therefor.

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Page 9 of 17

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Specification Cont'd

- **Column 65, Line 15, -** Delete “(t, 7=” and insert - - (t, J= - -, therefor.
- **Column 66, Line 27, -** Delete “(d, 0.7=” and insert - - (d, J= - -, therefor.
- **Column 68, Line 2, -** Delete “by/7-” and insert - - by p- - -, therefor.
- **Column 70, Line 45, -** Delete “g” and insert - - g, - -, therefor.
- **Column 70, Line 47, -** Delete “dichloromethane methanol” and insert - - dichloromethane:methanol - -, therefor.
- **Column 72, Line 19, -** Delete “(3-nitrophenoxy-2-” and insert - - (3-nitrophenoxy)-2- - -, therefor.
- **Column 76, Line 8, -** Delete “-imidazo” and insert - - -imidazo[4,5-c]quinoline - -, therefor.
- **Column 78, Line 63, -** Delete “TV-” and insert - - N- - -, therefor.
- **Column 79, Line 33, -** Delete “7V” and insert - - N- - -, therefor.
- **Column 81, Line 59, -** Delete “(pentet,” and insert - - (pentet, J= - -, therefor.
- **Column 81, Line 62, -** Delete “8159.0,” and insert - - 8159.0,- -, therefor.
- **Column 84, Line 30, -** After “(2-methoxyethyl)” delete “-1H”.

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Page 10 of 17

PATENT NO.: 7897597
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Specification Cont'd

- **Column 86, Line 48,** - Delete "added," and insert - - added - -, therefor.
- **Column 89, Line 17,** - Delete "7V'" and insert - - N- - -, therefor.
- **Column 89, Line 18,** - Delete "-N⁴-" and insert - - -N- - -, therefor.
- **Column 89, Line 21,** - Delete "-5-" and insert - - -3- - -, therefor.
- **Column 89, Line 59,** - Delete "H" and insert - - I - -, therefor.
- **Column 90, Line 44,** - Delete "0° C.;" and insert - - ~0° C.; - -, therefor.
- **Column 90, Line 64,** - Delete "quinolin" and insert - - quinoline - -, therefor.
- **Column 91, Line 23,** - Delete "362.1134" and insert - - 362.1734 - -, therefor.
- **Column 92, Line 2,** - Delete "animate" and insert - - aminate - -, therefor.
- **Column 92, Line 8,** - Delete "(d,7=)" and insert - - (d,J= - -, therefor.
- **Column 92, Line 13,** - Delete "5153.6," and insert - - 8153.6, - -, therefor.
- **Column 92, Line 43,** - Delete "-methylquinoline-" and insert - - -methylquinoline-3,4- - -, therefor.

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Specification Cont'd

- **Column 92, Line 49, -** Delete “0° C.,” and insert - - ~0° C., - -, therefor.
- **Column 93, Line 14, -** Delete “quinolin” and insert - - quinoline - -, therefor.
- **Column 94, Lines 42-43, -** Delete “dichloromemane:methanol).” and insert - - dichloromethane:methanol). - -, therefor.
- **Column 97, Line 41, -** Delete “quinolin e” and insert - - quinoline - -, therefor.
- **Column 97, Line 53, -** Delete “(pentet,” and insert - - (pentet, J= - -, therefor.
- **Column 98, Line 30, -** Delete “quinolin” and insert - - quinoline - -, therefor.
- **Column 101, Line 7, -** Delete “-1/J-” and insert - - -1H- - -, therefor.
- **Column 101, Line 10, -** Delete “horn;” and insert - - hour - -, therefor.
- **Column 102, Line 42, -** Delete “nitroquinoline” and insert - - - Nitroquinoline-4-amine - -, therefor.
- **Column 103, Line 4, -** After “but the” delete “1”.
- **Column 106, Line 15, -** Delete “(APCI)/w/z” and insert - - “(APCI) m/z - -, therefor.
- **Column 108, Line 50, -** Delete “.0.20H₂O:” and insert - - .0.20 H₂O: - -, therefor.

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Page 12 of 17

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Specification Cont'd

- **Column 111, Line 52, -** Delete "N{4}" and insert - - N-{4 - -, therefor.
- **Column 113, Line 35, -** Delete "butyl} - " and insert - - butyl} - -, therefor.
- **Column 114, Line 43, -** Delete ".0.15H₂O:" and insert - - .0.15 H₂O: - -, therefor.
- **Column 115, Line 46, -** Delete "¹³H" and insert - - ¹H - -, therefor.
- **Column 116, Line 67, -** Delete "(t,7=)" and insert - - (t,J= - -, therefor.
- **Column 120, Line 52, -** Delete ".0.25H₂O:" and insert - - .0.25 H₂O: - -, therefor.
- **Column 122, Line 40, -** Delete ".0.50H₂O:" and insert - - .0.50 H₂O: - -, therefor.
- **Column 122, Line 66, -** Delete ".0.25H₂O:" and insert - - .0.25 H₂O: - -, therefor.
- **Column 123, Line 24, -** Delete ".0.77H₂O:" and insert - - .0.77 H₂O: - -, therefor.
- **Column 123, Line 46, -** Delete ".0.50H₂O:" and insert - - .0.50 H₂O: - -, therefor.
- **Column 123, Line 64, -** Delete ".0.50H₂O:" and insert - - .0.50 H₂O: - -, therefor.
- **Column 124, Line 5, -** Delete ".0.75H₂O:" and insert - - .0.75 H₂O: - -, therefor.

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Specification Cont'd

- **Column 125, Line 3, -** Delete “Anal,” and insert - - Anal. - -, therefor.
- **Column 126, Line 8, -** Delete “animate” and insert - - aminate - -, therefor.
- **Column 128, Line 44, -** Delete “H-” and insert - - N- -, therefor.
- **Column 130, Line 39, -** Delete “5-c]” and insert - - 5- α] - -, therefor.
- **Column 131, Line 37, -** Delete “8-(Benzoyloxy)” and insert - - 8-(Benzylloxy) - -, therefor.
- **Column 138, After Line 67, -** Insert - -
from acetonitrile to give 102 mg of 7-(furan-3-ylmethoxy)-2-methyl-1-(2-methylpropyl)-1H-imidazo[4,5-c]quinolin-4-amine as a white powder, mp 181.0-183.0.
MS (APCI) m/z 351 (M+H)⁺;
Anal. Calcd. for C₂₀H₂₂N₄O₂.0.6 CH₃CN: % C, 67.89; % H, 6.40; % N, 17.18.
Found: % C, 67.72; % H, 6.67; % N, 16.95.
- **Column 140, Line 20, -** Delete “.055H₂O:” and insert - - .055 H₂O: - -, therefor.
- **Column 142, Line 17, -** Delete “.033H₂O:” and insert - - .033 H₂O: - -, therefor.
- **Column 142, Line 57, -** Delete “triethylamine,” and insert - - triethylamine, - -, therefor.
- **Column 148, Line 66, -** Delete “amine,” and insert - - amine. - -, therefor.
- **Column 153, Line 44, -** Delete “.05H₂O:” and insert - - .05 H₂O: - -, therefor.

MAILING ADDRESS OF SENDER:

PATENT NO. 7897597

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CERTIFICATE OF CORRECTION

Page 14 of 17

PATENT NO.: 7897597
DATED: 01-MAR-2011
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Specification Cont'd

- **Column 154, Lines 3-4, -** Delete "thiazoleHCl" and insert - - thiazole.HCl - -, therefor.
- **Column 157, Line 41, -** Delete "-benzoyloxy-" and insert - - -benzyloxy- - -, therefor.
- **Column 157, Line 61, -** Delete "triethylamine." and insert - - triethylamine. - -, therefor.
- **Column 158, Line 59, -** Delete "-1,1-" and insert - - -1-yl)-1,1- - -, therefor.
- **Column 160, Line 52, -** Delete "-methylethyl]-" and insert - - -dimethylethyl]- - -, therefor.
- **Column 165, Line 6, -** Delete "(q, 7=)" and insert - - (q, J= - -, therefor.
- **Column 165, Line 12, -** Delete ".0.12H₂O:" and insert - - .0.12 H₂O: - -, therefor.
- **Column 167, Line 53, -** Delete "phenylamino]" and insert - - phenylimino] - -, therefor.
- **Column 169, Line 35, -** Delete "7=)" and insert - - J= - -, therefor.
- **Column 172, Line 47, -** Delete "Anal," and insert - - Anal. - -, therefor.
- **Column 172, Line 55, -** Delete "mmol." and insert - - mmol, - -, therefor.
- **Column 174, Line 4, -** Delete "Anal," and insert - - Anal. - -, therefor.

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Page 15 of 17

PATENT NO.: 7897597
DATED: 01-MAR-2011
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Specification Cont'd

- **Column 178, Line 14, -** Delete “acid/acetonitrile.” and insert - - acid/acetonitrile; - -, therefor.
- **Column 188, Line 61, -** Delete “phenylthiocarbamoyl” and insert - - phenylthiocarbamyl - -, therefor.
- **Column 191, Line 18, -** Delete “-2#-” and insert - - -2H- - -, therefor.
- **Column 192, Line 6, -** Delete “animate” and insert - - aminate - -, therefor.
- **Column 203, Line 11, -** Delete “microliter” and insert - - microtiter - -, therefor.

Claims

- **Column 205, Line 62, -** In Claim 1, delete “independently-selected” and insert - - independently selected - -, therefor.
- **Column 208, Line 20, -** In Claim 13, after “alkenyl” insert - - , - -.
- **Column 208, Line 36, -** In Claim 13, delete “front” insert - - from - -, therefor.
- **Column 208, Line 51-** In Claim 13, delete “independently-selected” and insert - - independently selected - -, therefor.
- **Column 209, Line 55-** In Claim 21, delete “2-hydroxyl” and insert - - 2-hydroxy - -, therefor.

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Page 16 of 17

PATENT NO.: 7897597
DATED: 01-MAR-2011
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claims Cont'd

- **Column 210, Line 27-** In Claim 25, delete “-X-” and insert - - -X' - - -, therefor.
- **Column 212, Line 15-** In Claim 25, delete “front” insert - - from - -, therefor.
- **Column 212, Line 40-** In Claim 25, delete “that,” and insert - - that - -, therefor.
- **Column 212, Line 67-** In Claim 27, delete “4-[(methasulfonyl)amino]butyl,” and insert - - 4-[(methylsulfonyl) amino]butyl, - -, therefor.
- **Column 213, Line 20-** In Claim 33, after “biosynthesis” delete “in an animal”.
- **Column 213, Line 38-** In Claim 34, delete “-R₄₋₁,” and insert - - -R₄₋₁, - -, therefor.
- **Column 213, Line 39-** In Claim 34, delete “-R₄₋₁,” and insert - - -X'-R₄₋₁, - -, therefor.
- **Column 213, Line 47-** In Claim 34, delete “group,” and insert - - group - -, therefor.
- **Column 214, Line 45-** In Claim 34, delete “alkylheteroarylenyl” and insert - - alkylheteroarylenyl, - -, therefor.
- **Column 214, Line 46-** In Claim 34, delete “can the” and insert - - can be - -, therefor.
- **Column 214, Line 57-** In Claim 34, after “alkynyl” insert - - , - - .
- **Column 215, Line 20-** In Claim 34, delete “-O and -S-;” and insert - - =O and =S; - -, therefor.

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Page 17 of 17

PATENT NO.: 7897597
DATED: 01-MAR-2011
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claims Cont'd

- **Column 215, Line 55-** In Claim 35, delete "R₄" and insert - - R₄ is - -, therefor.
- **Column 216, Line 43-**
In Claim 36, delete "alkylamino, and" and insert - - alkylamino, and - -, therefor.
- **Column 216, Line 48-** In Claim 36, delete "of," and insert - - of: - -, therefor.
- **Column 218, Line 54-** In Claim 38, delete "R₅" and insert - - R₅ - -, therefor.
- **Column 220, Line 1-** In Claim 43, delete "salf" and insert - - salt - -, therefor.

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